GOVERNMENT OF THE
CENTRAL PROVINCES AND BERAR
PUBLIC WORKS DEPARTMENT

ADMINISTRATION REPORT

OF THE

Buildings and Roads Branch

FOR THE YEAR ENDING THE

31ST MARCH 1941

NAGPUR
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1942

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ADMINISTRATION REPORT OF THE BUILDINGS AND ROADS BRANCH, PUBLIC WORKS DEPARTMENT, CENTRAL PROVINCES AND BERAR, FOR THE YEAR ENDING THE 31st MARCH 1941

1. The expenditure on roads in the Central Provinces has been drastically reduced as shown in the table below :—

Year	Expenditure from Provincial funds (lakhs)			Expenditure from Road Fund (lakhs)			Total (lakhs)		
	Original Works	Maintenance	Total	Original Works	Maintenance	Total	Original Works	Maintenance	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1927-28	28·10	37·81	65·91	..	..	..	28·10	37·81	65·91
1928-29	24·83	31·76	56·59	..	..	..	24·83	31·76	56·39
1929-30	16·74	34·65	51·39	..	..	..	16·74	34·65	51·39
1930-31	9·91	31·92	41·83	..	..	..	9·91	31·92	41·83
1931-32	3·36	28·22	31·58	0·74	..	0·74	4·10	28·22	32·32
1932-33	2·68	27·05	29·74	1·93	..	1·93	4·61	27·06	31·67
1933-34	1·82	28·08	29·90	2·18	..	2·18	4·00	28·08	32·08
1934-35	1·05	29·06	30·11	4·43	..	4·43	5·48	29·06	34·54
1935-36	0·53	27·91	28·44	7·81	..	7·81	8·34	27·91	36·25
1936-37	0·33	25·83	26·16	5·83	..	5·83	6·16	25·83	31·99
1937-38	0·78	26·36	27·14	4·00	0·24	4·24	4·78	26·60	31·38
1938-39	0·60	24·43	25·03	5·79	0·35	6·14	6·39	24·78	31·17
1939-40	0·48	24·17	24·65	4·55	0·45	5·00	5·03	24·62	29·65
1940-41	0·20	23·51	23·71	5·98	0·47	6·45	6·18	23·98	30·16

Although the expenditure on maintenance has been reduced from Rs. 37·81 lakhs in 1927-28 to Rs. 23·98 lakhs in 1940-41 the length of the roads to be maintained and particularly the length of first class roads has considerably increased.

2. The Central Provinces are fortunate in having good supplies of stone and cheap labour and as a consequence the cost of maintenance per mile for Public Works Department roads is lower than in any province in India as shewn in the table below :—

Province	Length of Public Works Department road			Maintenance cost per mile	
	Metalled	Un-metalled	Total	Metalled	Un-metalled
				Rs.	Rs.
United Provinces	3,389	616	4,005	757	248
Sind	133	440	573	489	298
Punjab	3,104	1,754	4,858	1,055	216
North West Frontier	928	1,260	2,188	1,453	299
Bihar	945	80	1,025	716	625
Bengal	950	556	1,506	1,644	309
Bombay	6,094	569	6,663	469	316
Central Provinces	5,203	1,994	7,179	426	158

3. Establishment.—The more important charges were held as follows :—

	From	To	Remarks
Chief Engineer—			
Mr. P. V. Chance ..	1-4-40	12-6-40	
Mr. B. St. J. Newton ..	13-6-40	25-10-40	
Mr. P. V. Chance ..	25-10-40	31-3-41	
Superintending Engineer, Mahanadi Circle—			
Mr. B. St. J. Newton ..	1-4-40	11-6-40	
M. G. D. Agarwal ..	12-6-40	4-8-40	
Mr. S. C. Bhasin ..	5-8-40	15-8-40	In charge of current duties.
Mr. Abdul Wahid ..	16-8-40	28-8-40	
Mr. S. C. Bhasin ..	29-8-40	12-9-40	In charge of current duties.
Mr. R. K. Batra ..	13-9-40	26-10-40	
Mr. Newton ..	27-10-40	31-3-41	
Superintending Engineer, First Circle—			
Mr. C. B. Roy ..	1-4-40	10-12-40	
Mr. G. D. Baxter ..	11-12-40	10-1-41	
Mr. N. C. Ahluwalia ..	11-1-41	30-1-41	In charge of current duties.
Mr. D. R. Kochar, O.B.E.	31-1-41	31-3-41	

The Special Construction sub-division of the Nagpur division was closed on the 31st March 1940. A sub-division at Kankee in the Lower Mahanadi division was opened on the 31st December 1940 and the Kanhan sub-division at Nagpur was constituted from the 13th May 1940 for the construction of the Kanhan waterworks.

4. Expenditure from the Road Development Fund.—The table below gives the expenditure on works and repairs executed from the Road Development Fund excluding expenditure on grants-in-aid, tools and plant and loan :—

Year (1)	Central Provinces share (2)	Loan (3)	Government of India Reserve (4)	Total (5)
	Rs.	Rs.	Rs.	Rs.
1931-32	74,345	..	..	74,345
1932-33	1,84,271	..	9,099	1,93,370
1933-34	2,22,300	..	4,806	2,27,106
1934-35	3,68,535	1,628	1,46,296	5,16,459
1935-36	5,32,748	3,88,692	2,83,994	12,05,434
1936-37	5,39,225	7,52,294	2,21,650	15,13,169
1937-38	1,88,129	5,82,897	2,41,243	(a) 10,12,269
1938-39	4,31,781	40	1,96,240	(b) 6,27,981
1939-40	4,58,278	..	48,020	(c) 5,06,298
1940-41	6,42,869	..	2,850	(d) 6,45,719
Total ..	36,42,481	17,25,471	11,54,198	65,22,150
Amount of approved programme.	79,83,200	..	..	..

(*a*) Includes Rs. 23,638 incurred on repairs.
(*b*) Includes Rs. 41,789 incurred on repairs.
(*c*) Includes Rs. 50,914 incurred on repairs.
(*d*) Includes Rs. 47,430 incurred on repairs.

The loan programme was closed from the 1st April 1938 and all works are now financed from the Central Provinces share of the Road Fund.

Expenditure from sources other than the Road Fund.—During the year, the expenditure on works other than those financed from the Road Development Fund was as shown below :—

	Rs.
(1) Central—	
Original Works	3,126
Repairs	26,874
(2) Provincial—	
(*a*) Buildings—	
Original Works	1,21,287
Repairs	5,04,099
(*b*) Communications—	
Original Works	32,972
Repairs	23,50,669
(*c*) Miscellaneous—	
Original Works	9,139
Repairs	1,068
(3) 81—Civil Works not charged to Revenue—	
Original Works—	
(i) Buildings	16,510
(ii) Communications	

Expenditure of Rs. 16,510 was incurred on the construction of a dome over the High Court building at Nagpur. The total expenditure on the work to the end of the year was Rs. 6,94,987 as shown in Appendix V.

5. The expenditure on Central Works (Civil, Military, Archaeology, etc.) amounted to Rs. 30,000 as detailed below :—

Service head	Expenditure		
	Original Works	Repairs	Total
	Rs.	Rs.	Rs.
58.—Defence services			
Effective works	..	1,557	1,557
Other Military works	536	944	1,480
Total ..	536	2,501	3,037
50.—Civil works			
Audit	199	2,500	2,699
Scientific Departments (Meteorological)	48	144	192
Total ..	247	2,644	2,891
32.—Ecclesiastical			
Churches and cemeteries	152	6,419	6,571
33.—Payments to crown representative			
Buildings	800	416	1,216
36.—Scientific Departments			
Archaeological Department	..	14,894	14,894
Posts and Telegraphs	1,391	..	1,391
Total—Central Works ..	3,126	26,874	30,000

The construction of a bungalow for the Deputy Accountant-General, Posts and Telegraphs, at Nagpur at an estimated cost of Rs. 21,900 was begun.

6. Provincial Buildings Works executed by the Public Works Department.—Expenditure on provincial buildings by the Public Works Department amounted to Rs. 5,53,929 as follows :—

Service head	Expenditure		
	Original Works	Repairs	Total
(1)	(2)	(3)	(4)
	Rs.	Rs.	Rs.
Land Revenue	316	1,303	1,619
Excise	941	5,364	6,305
Forest	943	4,341	5,284
Registration	396	512	908
General Administration	31,115	1,87,563	2,18,678
Administration of Justice—			
Charged	302	1,112	1,414
Voted	1,026	15,185	16,211
Jails and Convict Settlements	6,070	31,003	37,073
Police	27,120	82,060	1,09,180
Ecclesiastical	..	159	159
Scientific Departments	27	517	544
Education other than European and Anglo-Indian Education.	13,315	53,134	66,449
Medical	7,800	23,325	31,125
Public Health	314	495	809
Agriculture	2,345	23,239	25,584
Industries	3,029	5,237	8,266
Veterinary	401	62	463
Co-operative	607	488	1,095
Civil Works—			
Public Works Buildings..	2,291	8,987	11,278
Losses on stock	8,860	..	8,860
Stationery and printing	1,682	943	2,625
Total ..	1,08,900	4,45,029	5,53,929

The major works carried out during the year under the heads "Police" and "General Administration" are shown in Appendix V. Under other heads there were no works of importance.

7. Provincial Communications executed by the Public Works Department.—The total expenditure on Provincial Communications executed by the Public Works Department was Rs. 24,47,360 of which Rs. 6,18,550 was spent on original works and Rs. 18,28,810 on repairs. Of the latter amount, a sum of Rs. 17,38,382 was spent on annual repairs and Rs. 90,428 on special repairs. The amount spent on repairs includes a sum of Rs. 46,941 which was met from the Road Development Fund. Of the total expenditure of Rs. 6,18,550 on original works, a sum of Rs. 20,261 was spent from Provincial Revenues and Rs. 5,98,289 from the Road Development Fund.

The major works carried out during the year from the Road Development Fund are detailed in Appendix V. No major work was carried out from the Provincial Revenues during the year.

The total mileage of class I roads maintained from Provincial Funds and the Road Development Fund was 5,346 [5,322]. The increase is due to raising in class of existing roads and the construction of new roads. The total mileage of classes II and III roads stood at miles 1,917 [1,922]. The reduction is due to roads having been raised to class I. These figures do not include roads maintained by the district councils from their own funds.

8. Provincial Works executed through the agency of District Councils.—The total expenditure on works executed through the agency of district councils was Rs. 6,53,457 of which Rs. 71,457 was spent on buildings and Rs. 5,82,000 on communications. Of Rs. 71,457 spent on buildings, Rs. 12,387 was on original works and Rs. 59,070 on repairs. Of Rs. 5,82,000 spent on communications, Rs. 12,711 was on original works and Rs. 5,46,763 on annual and Rs. 22,526 on special repairs. The expenditure on annual repairs includes Rs. 489 which was met from the Road Development Fund. The total expenditure of Rs. 6,53,457 includes a sum of Rs. 87,693 on account of supervision charges at 15½ per cent (establishment at 14 per cent and tools and plant at 1½ per cent) paid to the district councils. No major works were executed by the district councils. The maintenance of roads and buildings was on the whole satisfactory. The transferred works in charge of the District Council, Damoh, were resumed by the Provincial Government during the year.

9. 54-A.—Famine Relief.—The expenditure under this head during the year was Rs. 71,811.

During the year famine relief operations were carried out in the Bilaspur, Raipur, Drug, Jubbulpore and Mandla districts. Test works were also opened in the Balaghat district but they did not attract labour and the works were closed down.

10. Rates.—Rates of manufactured articles, such as metal and electric goods, rose rapidly. Other rates were not changed but an increasing number of contractors refused to tender, and more work was done departmentally.

11. Arboriculture.—Arboriculture operations have been stopped as a measure of economy.

12. **Tools and Plant.**—The total expenditure on tools and plant during the year was Rs. 1,50,875. Out of this, a sum of Rs. 30,554 was spent on the purchase of new tools and plant and mathematical instruments and Rs. 1,20,321 on repairs and carriage of tools and plant.

13. **Contributional Works.**—A sum of Rs. 7,60,190 was spent on contributional works. The execution of the Kanhan Water-supply Scheme was taken over from the Municipal Committee, Nagpur, in May 1940 and the work is in progress. The financial position of the work is as follows :—

	Rs.
(i) Amount of estimate	30,00,000
(ii) Expenditure incurred by the Municipal Committee.	12,43,676
(iii) Expenditure incurred by the Public Works Department during 1940-41.	7,41,816

No other work of importance was carried out during the year.

NAGPUR :

The 4th June 1942.

P. V. CHANCE,

Chief Engineer, P. W. D., C. P. & Berar.

APPENDIX I

STATEMENT SHOWING THE EXPENDITURE UNDER ALL MAJOR HEADS FOR THE YEARS 1931-32 TO 1940-41

Provincial— Civil Works

Year	Establishment	Military Works and repairs	Central Civil, Posts and Telegraphs Archaeology, etc., works and repairs	Civil Buildings			Communications		
				Original works	Repairs	Total of columns (5) and (6)	Original works	Repairs	Total of columns (8) and (9)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1931-32 ..	12,12,177	7,087	28,012	1,56,938	5,07,137	6,64,075	3,48,628	20,45,312	23,93,940
1932-33 ..	12,71,315	5,932	26,535	75,788	5,07,137	5,82,925	3,52,049	19,81,603	23,33,652
1933-34 ..	12,88,207	3,341	26,582	94,887	4,84,890	5,79,777	3,41,845	20,61,812	24,03,657
1934-35 ..	12,92,290	5,726	24,898	1,55,130	4,95,530	6,50,660	5,47,108	21,55,662	27,02,770
1935-36 ..	15,09,231	3,317	23,070	2,81,439	6,58,024	9,39,463	8,33,042	20,67,896	29,00,938
1936-37 ..	15,77,577	2,936	25,036	4,85,085	5,70,147	10,55,232	6,15,292	19,39,291	25,54,583
1937-38 ..	16,60,943	3,199	59,106	7,15,251	4,87,801	12,03,052	4,78,034	19,52,573	24,30,607
1938-39 ..	15,53,708	2,975	70,857	3,77,434	4,32,938	8,10,372	6,38,654	18,48,590	24,87,244
1939-40 ..	14,20,071	2,671	19,668	1,89,110	4,38,282	6,27,392	4,91,161	18,81,921	23,73,082
1940-41 ..	13,46,753	3,037	26,963	1,08,900	4,45,029	5,53,929	6,18,550	18,28,810	24,47,360

APPENDIX I—*cont.*

STATEMENT SHOWING THE EXPENDITURE UNDER ALL MAJOR HEADS FOR THE YEARS 1931-32 TO 1940-41

Provincial—Civil Works—*cont.*

Year	Miscellaneous public improvements, original works and repairs	Works and repairs executed through local bodies	Tools and plant	Suspense	Total of columns (7), (10) and (11) to (14)	81.—Civil Works not charged to Revenue works and repairs	Contributions	Other heads (Added newly in 1932)	Grand total of columns (2) to (4) and (15) to (18)
(1)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1931-32 ..	16,077	9,56,114	1,46,182	−25,353	41,51,035	..	15,268	5,29,042	59,46,619 (i)
1932-33 ..	1,265	8,95,149	1,40,199	+ 5,629	39,58,819	..	35,246	79,307	53,95,732 (ii)
1933-34 ..	812	9,01,759	1,31,165	− 6,779	40,10,391	..	41,129	11,172	53,87,797 (iii)
1934-35 ..	1,006	8,07,223	2,01,787	−31,465	43,31,981	..	17,412	60,201	57,34,201 (iv)
1935-36 ..	8,156	7,98,376	2,01,411	−23,112	48,25,232	..	39,710	4,35,960	68,36,727 (v)
1936-37 ..	790	6,96,234	3,87,241	−10,591	46,83,489	..	24,350	8,26,939	71,44,485 (vi)
1937-38 ..	953	7,64,464	2,06,529	−37,630	45,67,975	7,63,117	40,958	69,104	71,67,756 (vii)
1938-39 ..	810	6,95,345	1,74,453	+63,026	42,31,250	2,50,024	25,018 (*a*)	49,547	61,87,025 (viii)
1939-40 ..	6,899	6,59,404	1,71,705	−53,213	37,85,269	2,08,179	13,744 (*b*)	60,152	57,43,585 (ix)
1940-41 ..	10,207	6,53,457	1,52,001	−61,976	37,54,978	16,510	7,60,190	72,616	60,52,858 (x)

(i) This includes an expenditure of Rs. 3,998 incurred during the year on Famine Relief works and debited to the head "43-A.—Famine Relief".
(ii) This includes an expenditure of Rs. 18,548 incurred during the year on Famine Relief works and debited to the head "43-A.—Famine Relief".
(iii) This includes an expenditure of Rs. 6,975 incurred during the year on Famine Relief works and debited to the head "43-A.—Famine Relief".
(iv) This includes an expenditure of Rs. 1,693 incurred during the year on Famine Relief works and debited to the head "43-A.—Famine Relief".
(v) This includes an expenditure of Rs. 207 incurred during the year on Famine Relief works and debited to the head "43-A.—Famine Relief".
(vi) This includes an expenditure of Rs. 4,158 incurred during the year on Famine Relief works and debited to the head "43-A.—Famine Relief".
(vii) This includes an expenditure of Rs. 3,354 incurred during the year on Famine Relief works and debited to the head "54-A.—Famine Relief".
(viii) This includes an expenditure of Rs. 3,646 incurred during the year on Famine Relief works and debited to the head "54-A.—Famine Relief".
(ix) This includes an expenditure of Rs. 2,33,831 incurred during the year on Famine Relief works and debited to the head "54-A.—Famine Relief".
(x) This includes an expenditure of Rs. 71,811 incurred during the year on Famine Relief works and debited to the head "54-A.—Famine Relief".
(*a*) This includes Rs. 99 on account of work done for the Government of Orissa.
(*b*) This includes Rs. 68 on account of work done for the Government of Orissa.

NOTES.—(1) The columns (13) to (17) were re-arranged and column (18) added newly in 1932.
(2) The figures in columns (2) and (13) for 1929-30 were also revised in 1932.

APPENDIX II

STATEMENT OF EXPENDITURE ON PUBLIC WORKS DURING THE YEAR 1940-41

Service head	Original Works		Repairs		Total	
	Grant (Revised estimate)	Outlay	Grant (Revised estimate)	Outlay	Grant (Revised estimate)	Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Central.—58—Defence Services-Effective.						
8—Military Engineering Services.						
Works ..	..	..		..		..
Repairs and Renewals ..	..	..		(a) 1,557		(a) 1,557
General charges ..	..	..		..		..
Establishment ..	..	..	1,963	338	1,963	338
Tools and Plant ..	..	..		24		24
Audit and Accounts ..	..	..		16		16
Total ..	..	..	1,963	1,935	1,963	1,935
Other Military Works.						
Works ..		536		..	..	536
Repairs and Renewals ..		..		944	..	944
General charges ..		..		..	..	..
Establishment ..	664	115	1,125	162	1,789	277
Tools and Plant ..		8		11	..	19
Audit and Accounts ..		5		8	..	13
Total ..	664	664	1,125	1,125	1,789	1,789
Posts and Telegraphs						
Works ..		1,391	..	..		1,391
Repairs and Renewals ..		..	..	..		..
General charges ..		..	..	..		..
Establishment ..	1,500	299	..	..	1,500	299
Tools and Plant ..		21	..	..		21
Audit and Accounts ..		14	..	..		14
Total ..	1,500	1,725	..	..	1,500	1,725
32.—Eccles**ia tical**						
Works ..		152		6,419		6,571
Establishment ..	184	..	8,424	..	8,608	1,413
Tools and Plant ..		..		..		98
Total ..	184	152	8,424	6,419	8,608	8,082
33.—Payments to Crown Representative						
Works ..	800	800	400	416	1,200	1,216
Establishment ..	..	..	..	..		
Tools and Plant ..	..	..	..	..	300	279
Total ..	800	800	400	416	1,500	1,495
36.—Scientific Departments—Archaeological Department						
Works ..	..	..		14,894		14,894
Establishment ..	..	..	14,958	3,218	14,958	3,218
Tools and Plant ..	..	..		225		225
Total ..	..	..	14,958	18,337	14,958	18,337

(a) This includes the grant of Rs. 232 given to the District Councils and the expenditure incurred against the grant.

APPENDIX II—*cont.*

STATEMENT OF EXPENDITURE ON PUBLIC WORKS DURING THE YEAR 1940-41

Service head	Original Works		Repairs		Total	
	Grant (Revised estimate)	Outlay	Grant (Revised estimate)	Outlay	Grant (Revised estimate)	Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
50.—Civil Works—Central—Voted						
Works ..	260	247	2,742	2,644	3,002	2,891
Establishment ..	..	..	..	..	645	622
Tools and Plant ..	..	..	..	..	45	43
Total ..	260	247	2,742	2,644	3,692	3,556
50.—Civil Works—Provincial—Part I—In charge of Public Works Department.						
Buildings—						
Charged ..	317	302	1,181	1,112	1,498	1,414
Voted ..	1,12,973	1,08,598	(*a*)	4,43,917 }	} 23,71,069 { (for Buildings Voted, Communications Charged and Voted (i))	5,52,515
Communications—						
Charged ..	..	..	..	..		
Voted (*i*) Ordinary Revenue.	19,762	20,261	22,38,334 (*b*)	17,81,869 }		18,02,130
(*ii*) Road Development Fund.	5,99,140	5,98,289	48,059	46,941	6,47,199	6,45,230
Miscellaneous—Voted ..	9,194	9,139	(*a*)	1,068	9,194	10,207
Establishment—						
Charged ..	..	..	..	..	2,89,362 (*c*)	2,12,046
Voted ..	..	..	..	..	14,13,315 (*d*)	10,63,965
Tools and Plant—						
(*i*) Ordinary Revenue.	..	..	..	..	1,58,140 (*e*)	1,50,875
(*ii*) Road Development Fund.	..	..	..	..	..	..
Grant-in-Aid—						
(*i*) Ordinary Revenue ..	..	..	..	..	26,683	25,285
(*ii*) Road Development Fund.	..	..	..	..	6,375	6,376
Suspense ..	..	..	..	..	—10,103	—61,976
Charges in England—						
Charged ..	..	..	..	..	(*e*)	33,330
Voted ..	..	..	..	..	..	..
Loss or gain by exchange—						
Charged ..	..	..	..	..	(*e*)	59
Voted ..	..	..	..	..	..	..
Total ..	7,41,386	7,36,589	22,87,574	22,74,907	49,12,732	44,41,456

(*a*) Final grant included in (*b*). (*c*), (*d*) and (*e*) Grants include those for other heads, *viz.*, 18 and 81.

(*e*) final grant included in (*c*).

APPENDIX II—*cont.*

STATEMENT OF EXPENDITURE ON PUBLIC WORKS DURING THE YEAR 1940-41

Service head	Original Works		Repairs		Total	
	Grant (Revised estimate)	Outlay	Grant (Revised estimate)	Outlay	Grant (Revised estimate)	Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Part I-A.—In charge of local bodies						
Buildings ..	13,316	12,387	6,33,912	59,070	6,60,905	71,457
Communications—						
(i) Ordinary Revenues ..	13,677	12,711		5,68,800		5,81,511
(ii) Road Development Fund	..	..	..	489	..	489
Total ..	26,993	25,098	6,33,912	6,28,359	6,60,905	6,53,457
81.—Civil Works not charged to Revenue						
Buildings—						
Charged ..	19,000	16,510	..	..	19,000	16,510
Establishment—						
Charged ..	(*a*)	1,248	..	..	(*a*)	1,248
Voted ..	(*a*)	4,504	..	..	(*a*)	4,504
Tools and Plant ..	(*a*)	364	..	..	(*a*)	364
Total ..	19,000	22,626	..	..	19,000	22,626
54-A.—Famine Relief						
Works ..	..	..	..	..	73,041	71,811
Establishment ..	..	..	..	..	..	..
Tools and Plant ..	..	..	..	..	..	..
Total ..	..	..	..	..	73,041	71,811
Fund Contributions						
Deposit Works ..	7,96,650	7,60,190	..	..	7,96,650	7,60,190
Establishment ..		24,224	..	..		24,224
Tools and Plant ..		248	..	..		248
Audit and Accounts ..		124	..	..		124
Total ..	7,96,650	7,84,786	..	..	7,96,650	7,84,786
25-F.—General Administration—Works done for Government House						
Works ..	14,152	12,208	24,536	24,349	38,688	36,557
Establishment ..	..	..	..	..	..	..
Tools and Plant ..	..	..	..	..	..	..
Total ..	14,152	12,208	24,536	24,349	38,688	36,557
Other heads						
Works ..	..	..	..	..	6,289	4,398
Establishment ..	..	..	..	..		949
Tools and Plant ..	..	..	..	..		..
Total ..	..	..	..	..	6,289	5,413

(*a*) Final grant included under "50.—Civil Works.—Provincial".

APPENDIX III

STATEMENT SHOWING THE LENGTH OF ROADS MAINTAINED BY THE PUBLIC WORKS DEPARTMENT AND DISTRICT COUNCILS IN THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1940-41

Name of Public Works Department division	Name of civil district or sub-division	Provincial roads — Maintained by Public Works Department		Provincial roads — Maintained by district councils		District council roads maintained by district councils		Total		Grand Total
		Metl.	Un-metl.	Metl.	Un-metl.	Metl.	Un-metl.	Metl.	Un-metl.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
		Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles
	First Circle.									
Nagpur ..	Nagpur ..	253	2	94	10	13	27	360	39	399
Chanda ..	Chanda ..	265	115	8	104	..	82	273	301	574
	Bhandara ..	13	..	..	..	..	..	13	..	13
	Wardha ..	*216	22	..	..	14	†13	230	35	265
East Berar ..	Amraoti ..	274	34	141	..	58	3	473	37	510
	Akola ..	35	..	..	..	..	..	35	..	35
	Yeotmal ..	220	1	67	19	32	8	319	28	347
West Berar ..	Akola ..	194	..	120	..	82	12	396	12	408
	Buldana ..	77	..	190	32	63	6	330	38	368
	Nimar ..	171	23	45	10	20	7	236	40	276
	Hoshangabad	14	..	..	..	..	..	14	..	14
Satpura ..	Hoshangabad	198	30	..	..	..	113	198	143	341
	Betul ..	186	40	17	55	..	3	203	98	301
	Chhindwara	232	16	64	17	..	44	296	77	373
	Seoni ..	178	15	46	30	3	34	227	79	306
	Narsinghpur	64	..	25	1	..	115	89	116	205
Total—First Circle ..		2,590	298	817	278	285	467	3,692	1,043	4,735
	Mahanadi Circle.									
Wainganga ..	Bhandara ..	113	6	74	70	1	12	188	88	276
	Balaghat ..	138	62	55	69	..	77	193	208	401
Upper and Lower Mahanadi and Kharung.	Raipur ..	264	106	57	180	3	53	324	339	663
Tandula, Upper Mahanadi and Kharung.	Drug ..	‡198	88	8	123	..	22	206	233	439
Kharung ..	Bilaspur ..	118	279	..	..	2	30	120	309	429
Jubbulpore ..	Jubbulpore ..	265	52	..	..	2	241	267	293	560
	Mandla ..	223	285	..	..	..	54	223	339	562
	Saugor ..	260	..	..	..	1	114	261	114	375
	Damoh ..	154	22	..	..	16	87	170	109	279
	Narsinghpur	12	..	..	..	..	..	12	..	12
Total—Mahanadi Circle ..		1,745	900	194	442	25	690	1,964	2,032	3,996
Grand Total ..		4,335	1,198	1,011	720	310	1,157	5,656	3,075	8,731

*Includes 1 mile of Sindi feeder road in charge of the Notified Area Committee, Sindi.

†Includes 8 miles of Sindi-Elikeli road in charge of the Public Works Department for maintenance.

‡Includes 31⅞ miles of the Great Eastern Road in the Nandgaon State maintained by the Public Works Department.

APPENDIX IV

MILEAGE OF SURFACED ROADS OF VARIOUS CLASSES AND OF MOTORABLE EARTH ROADS IN THE CENTRAL PROVINCES AND BERAR AS ON THE 31st MARCH 1941

Roads	Water bound macadam		Other low type surfaces (moorum, gravel, sand, and clay)	Surface treated with tar, pitch, asphalt or bitumen	Bitumen asphalt, tar or pitch grouted macadam	Premix bitumen, asphalt, or pitch	Cement concrete or macadam	Fair weather motorable earth roads	Other motorable roads which cannot be classified under previous headings	Total
	Stone metal only	Kankar laterite or brick metal								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Public Works Department.	4,986	..	1,486	283	28	50	1	438	..	*7,272
Local ..	934	28	866	13	22	3	2	948	43	2,859
Total ..	5,920	28	2,352	296	50	53	3	1,386	43	10,131

*Includes 8 miles of district council road and 31⅞ miles of State road maintained by the Public Works Department.

APPENDIX V

LIST OF MAJOR WORKS EXECUTED DURING THE YEAR 1940-41

Name of work	District	Amount of estimate	Expenditure to end of 1939-40	Expenditure during 1940-41	Expenditure to end of the year
(1)	(2)	(3)	(4)	(5)	(6)
		Rs.	Rs.	Rs.	Rs.
Original Works—Buildings					
Police.					
1. Construction of police station house and staff quarters in the Nagpur city, Sitabuldi and headquarters lines, Nagpur.	Nagpur ..	1,87,494	1,86,337	115	1,86,452 (*a*)
2. Construction of quarters for 2 sub-inspectors, 4 head constables, 14 married and 7 single constables at Multai.	Betul ..	17,789	..	1,297	1,297 (*b*)
General Administration.					
3. Construction of a bungalow for the Governor's Secretary at Nagpur.	Nagpur ..	28,547	28,978	29	29,007 (*a*)
Original Works—Communications					
I.—Financed from the Road Development Fund—Central Provinces share.					
1. Construction of the Khirpi-Kerasgaon-Sirasgaon section of the Khirpi-Ladki road.	Amraoti ..	80,489	75,269	5,494	80,763 (*a*)
2. Raising to class I the Wardha-Deoli road, length 10¼ miles.	Wardha ..	73,328	13,620	30,069	43,689 (*b*)
3. Construction as class I of the Katol-Jalalkheda road length 14$\frac{3}{8}$ miles.	Nagpur ..	2,30,739	46,268	56,484	1,02,752 (*b*)
4. Raising to class I the Hiwarkhedi-Chicholi section of Betul-Harda road, length 9 miles.	Betul ..	68,776	15,535	14,908	30,443 (*b*)
5. Construction as class I of the Daryapur-Badner-Gangai road and on to border, length 15½ miles.	Amraoti ..	2,71,154	41,164	25,762	66,926 (*b*)
6. Construction as class I of Akot-Badner-Gangai road up to district border, length 6½ miles.	Akola ..	1,32,378	9,396	45,360	54,756 (*b*)
7. Construction as class I of Akot-Hiwarkhed road, length 14 miles.	Do. ..	1,15,955	12,308	4,054	16,362 (*d*)

(*a*) Completed. (*b*) In progress. (*d*) Held in abeyance.

APPENDIX V—*cont.*

LIST OF MAJOR WORKS EXECUTED DURING THE YEAR 1940-41

Name of work	District	Amount of estimate	Expenditure to end of 1939-40	Expenditure during 1940-41	Expenditure to end of the year
(1)	(2)	(3)	(4)	(5)	(6)
		Rs.	Rs.	Rs.	Rs.
Original Works—Communications—*cont.*					
I.—Financed from the Road Development Fund—Central Provinces share—cont.					
8. Raising to class I the Betul-Harda road (Sodalpur-Dhekna section), length 16⅝ miles.	Hoshangabad	60,214	2,020	465	2,485 (*d*)
9. Construction as class I of the Jaswari-Piplod section of Khandwa-Dhertalai road with bridges, length 10 miles.	Nimar ..	1,35,626	12,063	66,001	78,064 (*b*)
10. Widening the Nagpur-Amraoti road in the Nagpur district.	Nagpur ..	52,422	14,995	22,958	37,953 (*b*)
11. Widening the Nagpur-Amraoti road in the Wardha district.	Wardha ..	49,750	15,012	26,978	41,990 (*b*)
12. Widening the Nagpur-Amraoti road in the Amraoti district.	Amraoti ..	47,828	15,949	21,384	37,333 (*b*)
13. Constructing as class I the Burhanpur-Ichhapur road.	Nimar ..	4,91,695	4,82,663	—152	4,82,511 (*c*)
14. Raising to class I the Raipur-Bilaspur road, length 6¼ miles.	Raipur ..	35,573	12,000	18,606	30,606 (*b*)
15. Construction as class II-A of the Tirod-Janjgir-Champa road with bridges, length 17⅜ miles.	Bilaspur ..	52,520	1,500	12,056	13,556 (*b*)
16. Raising to class I the Balaghat-Waraseoni road, length 7 19/32 miles.	Balaghat ..	34,540	10,031	17,970	28,001 (*b*)
17. Raising of the Abhanpur-Rajim road, length 11¼ miles.	Raipur ..	51,169	..	2,995	2,995 (*b*)
18. Construction as class I of the diversion of Mandla-Seoni road from Maharajpur to its junction with the existing road near Tharka, length 7⅝ miles.	Mandla ..	47,394 For surfacing only.	800	440	1,240 (*b*)

(*b*) In progress. (*c*) Completed in previous year and petty adjustment carried out in 1940-41. (*d*) Held in abeyance.

APPENDIX V—*cont.*

LIST OF MAJOR WORKS EXECUTED DURING THE YEAR 1940-41

Name of work	District	Amount of estimate	Expenditure to end of 1939-40	Expenditure during 1940-41	Expenditure to end of the year
(1)	(2)	(3)	(4)	(5)	(6)
		Rs.	Rs.	Rs.	Rs.
Original Works—Communications—*cont.*					
I.—Financed from the Road Development Fund—Central Provinces share—cont.					
19. Raising to class I the Majhgawan-Silondi road with bridge over Hiran river, length 14½ miles.	Jubbulpore ..	24,673 Part estimate.	1,430	28	1,458 (*b*)
20. Raising from class II to class I the Sehora-Silondi road, first section from Sehora to Majhgawan, length 10 miles.	Do. ..	49,172	50,457	950	51,407 (*a*)
21. Construction of a submersible bridge on Gyan river in mile 11 of Khamgaon-Nandura road.	Buldana ..	37,777	8,419	25,741	34,160 (*a*)
22. Construction of a submersible bridge over Sutala nala in mile 8 furlong 1 of Khamgaon-Nandura road.	Do. ..	13,312	5,969	6,046	12,015 (*a*)
23. Construction of a submersible bridge over Zarpat nala in mile 1 of Chanda-Allapalli road.	Chanda ..	33,723	..	2,559	2,559 (*b*)
24. Construction of Ashti nala causeway on Arvi-Ashti road, about 14¾ miles from Arvi.	Wardha ..	13,329	8,203	5,154	13,357 (*a*)
25. Construction of a submersible bridge on the Man river in mile 5 of Shegaon-Akot road.	Do. ..	62,544	1,497	26,555	28,052 (*b*)
26. Construction of 3 bridges on the Khirpi-Karasgaon section of the Khirpi-Ladki road.	Amraoti ..	28,289	1,933	26,010	27,943 (*a*)
27. Construction of a submersible bridge over the Wana river on the Bori-Jam road.	Wardha ..	35,412	506	6,991	7,497 (*b*)
28. Constructing a high level bridge over Tembi nala in mile 30 furlong 3 of the Burhanpur-Amraoti road.	Nimar ..	30,245	29,281	217	29,498 (*c*)
29. Constructing a submersible bridge over the Wardha river at Sirpur on Deoli-Kalamb road.	Wardha ..	97,550	89,208	8	89,216 (*c*)

(*a*) Completed. (*b*) In progress. (*c*) Completed in previous year and petty

APPENDIX V—*cont.*

LIST OF MAJOR WORKS EXECUTED DURING THE YEAR 1940-41

Name of work	District	Amount of estimate	Expenditure to end of 1939-40	Expenditure during 1940-41	Expenditure to end of the year
(1)	(2)	(3)	(4)	(5)	(6)
		Rs.	Rs.	Rs.	Rs.
Original Works—Communications—*cont.*					
I.—Financed from the Road Development Fund—Central Provinces share—cont.					
30. Construction of bridges over the Bagh and Ghisri nalas on the Balaghat-Gondia road.	Bhandara ..	1,04,498	28,252	69,872	98,124 (*b*)
31. Construction of a submersible bridge over the Seonath river on the Simga-Kawardha road	Drug ..	91,659	51,382	37,996	89,378 (*b*)
32. Construction of bridges over the Sur and Mohadi nalas on the Bhandara-Tumsar road.	Bhandara ..	53,620	7,315	15,471	22,786 (*b*)
II.—Financed from the Road Development Fund—Government of India Reserve.					
33. Raising in class the Pamgarh-Sheorinarayan road length 15 miles and the last 2⅞ miles of the Akaltara-Pamgarh road.	Bilaspur ..	80,675	80,081	201	80,282 (*a*)
34. Construction of 7 minor bridges on the Raipur-Sambalpur road.	Raipur ..	51,680	51,168	518	51,686 (*a*)
35. Raising in class miles 85 to 95 and 97 to 5th furlong of mile 114 of the Raipur-Sambalpur road.	Do. ..	1,69,000	1,68,577	149	1,68,726 (*a*)
81.—Civil Works—Not Charged to Revenue					
Buildings.					
1. Construction of a High Court building at Nagpur.	Nagpur ..	7,90,809	6,78,477	16,510	6,94,987 (*b*)

(*a*) Completed. (*b*) In progress.

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